	Application No.	Applicant(s)
Notice of Allowability	10/795,845	SWAMINATHAN, SIVAPRASATH
	Examiner	Art Unit	
	Tanh Q. Nguyen	2182	

-- The MAILING DATE of this communication appears on the cover sheet with the correspondence address--

All claims being allowable, PROSECUTION ON THE MERITS IS (OR REMAINS) CLOSED in this application. If not included herewith (or previously mailed), a Notice of Allowance (PTOL-85) or other appropriate communication will be mailed in due course. **THIS NOTICE OF ALLOWABILITY IS NOT A GRANT OF PATENT RIGHTS.** This application is subject to withdrawal from issue at the initiative of the Office or upon petition by the applicant. See 37 CFR 1.313 and MPEP 1308.

1. ☒ This communication is responsive to *RCE and amendment filed 08/07/07*.

2. ☒ The allowed claim(s) is/are *1-7,9,11-19,21 and 22*.

3. ☐ Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).

    a) ☐ All   b) ☐ Some*   c) ☐ None of the:

        1. ☐ Certified copies of the priority documents have been received.

        2. ☐ Certified copies of the priority documents have been received in Application No. _____ .

        3. ☐ Copies of the certified copies of the priority documents have been received in this national stage application from the International Bureau (PCT Rule 17.2(a)).

    * Certified copies not received: _____ .

Applicant has THREE MONTHS FROM THE "MAILING DATE" of this communication to file a reply complying with the requirements noted below. Failure to timely comply will result in ABANDONMENT of this application.
THIS THREE-MONTH PERIOD IS NOT EXTENDABLE.

4. ☐ A SUBSTITUTE OATH OR DECLARATION must be submitted. Note the attached EXAMINER'S AMENDMENT or NOTICE OF INFORMAL PATENT APPLICATION (PTO-152) which gives reason(s) why the oath or declaration is deficient.

5. ☐ CORRECTED DRAWINGS (as "replacement sheets") must be submitted.

    (a) ☐ including changes required by the Notice of Draftsperson's Patent Drawing Review (PTO-948) attached

        1) ☐ hereto or 2) ☐ to Paper No./Mail Date _____ .

    (b) ☐ including changes required by the attached Examiner's Amendment / Comment or in the Office action of
        Paper No./Mail Date _____ .

    Identifying indicia such as the application number (see 37 CFR 1.84(c)) should be written on the drawings in the front (not the back) of each sheet. Replacement sheet(s) should be labeled as such in the header according to 37 CFR 1.121(d).

6. ☐ DEPOSIT OF and/or INFORMATION about the deposit of BIOLOGICAL MATERIAL must be submitted. Note the attached Examiner's comment regarding REQUIREMENT FOR THE DEPOSIT OF BIOLOGICAL MATERIAL.

Attachment(s)

1. ☐ Notice of References Cited (PTO-892)

2. ☐ Notice of Draftperson's Patent Drawing Review (PTO-948)

3. ☐ Information Disclosure Statements (PTO/SB/08), Paper No./Mail Date _____

4. ☐ Examiner's Comment Regarding Requirement for Deposit of Biological Material

5. ☐ Notice of Informal Patent Application

6. ☐ Interview Summary (PTO-413), Paper No./Mail Date _____ .

7. ☒ Examiner's Amendment/Comment

8. ☐ Examiner's Statement of Reasons for Allowance

9. ☐ Other _____ .

TANH Q NGUYEN
PRIMARY EXAMINER
TECHNOLOGY CENTER 2100
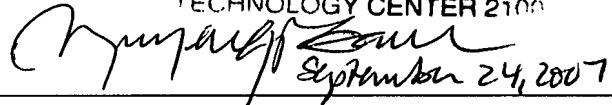
September 24, 2007

EXAMINER'S AMENDMENT

Continued Examination Under 37 CFR 1.114

1.   A request for continued examination under 37 CFR 1.114, including the fee set

forth in 37 CFR 1.17(e), was filed in this application after final rejection. Since this

application is eligible for continued examination under 37 CFR 1.114, and the fee set

forth in 37 CFR 1.17(e) has been timely paid, the finality of the previous Office action

has been withdrawn pursuant to 37 CFR 1.114. Applicant's submission filed on August

7, 2007 has been entered.

AMENDMENT

2.   An examiner's amendment to the record appears below. Should the changes

and/or additions be unacceptable to applicant, an amendment may be filed as provided

by 37 CFR 1.312. To ensure consideration of such an amendment, it MUST be

submitted no later than the payment of the issue fee.

Authorization for this examiner's amendment was given in a telephone interview

with the attorney for applicant, Steven Koon Hon Wong (Reg. No. 48,459) on

September 24, 2007 to correct minor informalities and clarify the scope of the claims - in

order to put the application in condition for allowance.

The application has been amended as follows:

1.   **(Currently Amended)   A method for disabling console redirection
capabilities provided by a basic input and output system (BIOS) in the presence
of an incompatible device, the method comprising:**

determining whether a communications port has been enabled for utilization with a BIOS-provided console redirection feature during a BIOS initialization;

in response to determining that a communications port has been enabled for utilization with a BIOS-provided console redirection feature, determining whether a device connected to the communications port is incompatible with console redirection;

in response to determining that a an incompatible device is connected to the communications port is incompatible with console redirection, disabling the BIOS-provided console redirection feature prior to executing during a BIOS power-on self test procedure.

2.   (Currently Amended)   The method of Claim 1, wherein determining whether a communications port has been enabled for utilization with a BIOS-provided console redirection feature comprises reading configuration data stored in a non-volatile memory device to determine whether a the communications port has been enabled for utilization with a BIOS-provided console redirection feature.

3.   (Currently Amended) `   The method of Claim 2, wherein determining whether a device connected to the communications port is incompatible with console redirection comprises:

enabling the communications port for communication;

transmitting first data on the communications port for reception by the device;

determining whether a receive buffer of the communications port contains second data from the device following the transmission of the first data on the communications port; and

determining that the device a connected to the communications port is incompatible with console redirection in response to determining that the receive buffer contains the second data from the device following the transmission of the

<u>first</u> data on the communications port.

5.   (Currently Amended)   The method of Claim 4, further comprising <u>enabling the BIOS-provided console redirection feature</u> in response to determining that ~~an incompatible~~ device ~~is not~~ connected to the communications port <u>is compatible with console redirection</u>~~, enabling the BIOS-provided console redirection feature~~.

7.   (Currently Amended)   The method of Claim 6, wherein the ~~incompatible~~ device <u>that is incompatible</u> comprises one of a mouse input device, a modem, or a serial loopback device connected to the communications port.

8.   (Cancelled)

11.   (Currently Amended)   A method for disabling basic input and output system (BIOS) provided console redirection capabilities in the presence of a ~~non universal asynchronous receiver transmitter (UART)~~ <u>non-universal-asynchronous-receiver- transmitter (non-UART)</u> device, the method comprising:

        during a BIOS initialization, determining whether a communications port has been enabled for utilization with a BIOS-provided console redirection feature;

        in response to determining that a communications port has been enabled for <u>utilization with a BIOS-provided</u> console redirection <u>feature</u>, determining whether a non-UART device is connected to the communications port; and

        in response to determining that a non-UART device is connected to the communications port, disabling the BIOS-provided console redirection feature prior to completing the BIOS initialization.

12.   (Currently Amended)   The method of Claim 11, wherein determining whether a communications port has been enabled for utilization with a BIOS-provided console redirection feature comprises reading configuration data stored

in a non-volatile memory device to determine whether a-the communications port
has been enabled for utilization with a BIOS-provided console redirection feature.

13.   (Currently Amended)   The method of Claim 12, wherein determining
whether a non-UART device is connected to the communications port comprises:
        enabling the communications port for communication;
        transmitting first data on the communications port for reception by a
device connected to the communications port;
        determining whether a receive buffer of the communications port contains
second data from the device following the transmission of the first data on the
communications port; and
        determining that a non-UART device is connected to the communications
port in response to determining that the receive buffer contains the second data
from the device following the transmission of the first data on the
communications port.

15.   (Currently Amended)   The method of Claim 14, further comprising
enabling the BIOS-provided console redirection feature in response to
determining that a UART non-UART device is not connected to the
communications port, enabling the BIOS-provided console redirection feature.

21.   (Currently Amended)   The method of claim 87, further comprising

executing an operating system in response to executing the BIOS power-on self
test procedure, executing an operating system.

Conclusion

3.   Any inquiry concerning this communication or earlier communications from the

examiner should be directed to Tanh Q. Nguyen whose telephone number is 571-272-

4154. The examiner can normally be reached on M-F 9:30AM-7:00PM.

If attempts to reach the examiner by telephone are unsuccessful, the examiner's

supervisor, Kim Huynh can be reached on 571-272-4147. The fax phone number for

the organization where this application or proceeding is assigned is 571-273-8300.

Information regarding the status of an application may be obtained from the

Patent Application Information Retrieval (PAIR) system. Status information for

published applications may be obtained from either Private PAIR or Public PAIR.

Status information for unpublished applications is available through Private PAIR only.

For more information about the PAIR system, see http://pair-direct.uspto.gov. Should

you have questions on access to the Private PAIR system, contact the Electronic

Business Center (EBC) at 866-217-9197 (toll-free). If you would like assistance from a

USPTO Customer Service Representative or access to the automated information

system, call 800-786-9199 (IN USA OR CANADA) or 571-272-1000.

TANH Q NGUYEN
PRIMARY EXAMINER
TECHNOLOGY CENTER 2100
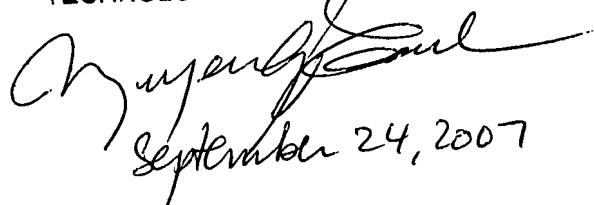
September 24, 2007

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